

RAPID WATER DEPLOYMENT TECHNOLOGIES

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TO:	CHARLES PHILLIPS	FROM:	PAUL BOISVERT / C/O STEPHEN TABAH
COMPANY:	US PATENT OFFICE	DATE:	2005-10-30
FAX NUMBER:	571 273 8300	TOTAL NO. OF PAGES INCLUDING COVER:	7
PHONE NUMBER:	571 272 4893	SENDER'S REFERENCE NUMBER:	RESPONSE TO NOTICE OF NON COMPLIANT AMENDMENT OF SEPT.30,2005/ 10/789,741
RE:	CONTROL NO. 10/789/741	YOUR REFERENCE NUMBER:	

☒ URGENT ☐ FOR REVIEW ☐ PLEASE COMMENT ☐ PLEASE REPLY ☐ PLEASE RECYCLE

NOTES/COMMENTS:

CHARLES -- Here is a listing of all claims and a required signature. Also enclosed is a copy of the previous amendment of Sept. 15, 2005.

THANK YOU

Stephen Tabah

[CLICK HERE AND TYPE RETURN ADDRESS]

In the Claims

Claims 1-6 are pending in this application with claims 1-6 cancelled by this response.
New claims 7-20 are added for consideration.

1-6 (Cancelled)

7. (New) A flush toilet comprised of:

An air reservoir having an interior diaphragm installed inside a tank in the toilet, the air reservoir having a hydraulic pressure maintained by a water supply coming from a conduit;

At least two propulsion jets located in a bottom portion of a toilet bowl, the at least two propulsion jets capable of ejecting contents of the bowl into a siphon upon activation of a flush mechanism; and

A double water-supply pipe system located between a valve and the tank, the double water-supply pipe system including a first pipe extending from the valve to orifices in the bottom of the toilet bowl, and a second pipe connected at substantially 90 degrees to the first pipe, the second pipe extending from the first pipe to a rim of the toilet bowl.

8. (New) The flush toilet of claim 7, wherein:

The toilet bowl has a base; and

At least two orifices are defined in the base of the toilet bowl to allow the toilet to be anchored to a floor

9. (New) the flush toilet of claim 7, wherein a handle is attached to a wall of the tank, the handle capable of activating flush mechanism.

10. (New) A system for hanging a toilet onto a wall, the system comprised of:

A plurality of hangers attached to the toilet and connected to the wall; a removable toilet lid mounted to the wall, the removable lid having a top that is held in place by a flat hook secured to the wall, and a bottom that is secured to the toilet;

A drain acting as a conduit between a toilet siphon and a sewer line, the drain secured to the siphon which is equipped with a sealing cushion;

The drain, siphon and sewer line being held in place by a flexible sealed coupling; and
The sealing cushion holding the toilet in place on the wall.

11. (New) A toilet flush valve comprised of:

A first part and a second part secured about a diaphragm;

A pipe integral with the second part;

A ball valve located within the pipe, the ball valve capable of activating the flush mechanism.

12. (New) The valve claim 11, wherein the pipe is attached to a flush control handle.

13. (New) The valve of claim 11, wherein:

An adjustable valve is installed in the pipe;

The adjustable valve capable of interacting with the diaphragm so as to close the flush mechanism.

14. (New) The valve of claim 11, wherein:

The diaphragm acts as a sealing cushion between the first and second part; and the diaphragm pushes up or down depending on variations in hydraulic pressure, thereby starting or stopping the flush mechanism.

15. (New) The valve of claim 11, wherein a plug including a plurality of guide vanes is affixed to the diaphragm.

16. (New) The valve of claim 11, wherein:

A tubular vault houses a pressure spring located on the diaphragm; and a first and second conduit intersect at the vault.

17. (New) A flushing mechanism for a flush toilet, the flushing mechanism comprised of:

A handle attached to a wall of a toilet tank, the handle capable of activating the flush mechanism;

A handle cover attached to the wall of the toilet tank in proximity to the handle;

An adjustable central union block located in the toilet, the central union block connecting a flush valve with the handle;

A chassis located in a slot between a central block and a washer, the chassis capable of limited rotation so as to operate the flush mechanism;

At least one tension spring in communication with the handle; and